Black Creek Boardwalk Cost Estimate

Option A : Turning Point Park Boardwalk

Item	Unit Cost	Unit	Quantity	Unit	Total Cost
Phase 1					
Asphalt Trail	$60	LF	800	LF	$48,000
Canoe Launch	$250	SF	960	SF	$240,000
Fishing Pier	$250	SF	2000	SF	$500,000
Chain Link Railing	$7		300	LF	$2,100
Site Grading	$5	SF	50000	SF	$225,000
Landscaping	$5,000	LS	1	LS	$5,000
				Subtotal	$1,020,100
Design & Engineering	15 percent		$153,015		$153,015
				Subtotal	$1,173,115
Contingency	20 percent		$234,623		$234,623
				Phase 1 Total	$1,407,738
Phase 2					
Boardwalk*	$8,600	LF	1,000	LF	$8,600,000
Fishing Pier	$250	SF	500	SF	$125,000
				Subtotal	$8,725,000
Design & Engineering	15 percent		$1,308,750		$1,308,750
				Subtotal	$10,033,750
Contingency	20 percent		$2,006,750		$2,006,750
				Phase 2 Total	$12,040,500
				Project Total	$13,448,238
*Cost for boardwalk http://findarticles.com/p/articles/mi_qn4180/is_20070608/ai_n19290405					

Option B : Durand Eastman Park Boardwalk

Item	Unit Cost	Unit	Quantity	Unit	Total Cost
Phase 1					
Asphalt Trail	$60	LF	800	LF	$48,000
Canoe Launch	$250	SF	960	SF	$240,000
Fishing Pier	$250	SF	2000	SF	$500,000
Steel Railing	$200	LF	300	LF	$60,000
Site Grading	$5	SF	50000	SF	$225,000
Landscaping	$5,000	LS	1	LS	$5,000
				Subtotal	$1,078,000
Design & Engineering	15 percent		$161,700		$161,700
				Subtotal	$1,239,700
Contingency	20 percent		$247,940		$247,940
				Phase 1 Total	$1,487,640
Phase 2					
Boardwalk	$1,300	LF	1,000	LF	$1,300,000
Fishing Pier	$250	SF	500	SF	$125,000
Steel Railing	$200	LF	1,800	LF	$360,000
				Subtotal	$1,785,000
Design, Permitting & Engineering	15 percent		$267,750		$267,750
				Subtotal	$2,052,750
Contingency	20 percent		$410,550		$410,550
				Phase 2 Total	$2,463,300
				Project Total	$3,950,940

Option C: Mixed Elements

Item	Unit Cost	Unit	Quantity	Unit	Total Cost
Phase 1					
Asphalt Trail	$60	LF	800	LF	$48,000
Canoe Launch	$250	SF	960	SF	$240,000
Fishing Pier	$250	SF	2000	SF	$500,000
Vinyl Covered Chainlink Fence Railing	$7	LF	300	LF	$1,950
Site Grading	$5	SF	50000	SF	$225,000
Landscaping	$5,000	LS	1	LS	$5,000
				Subtotal	$1,019,950
Design & Engineering	15 percent		$152,993		$152,993
				Subtotal	$1,172,943
Contingency	20 percent		$234,589		$234,589
				Phase 1 Total	$1,407,531
Phase 2					
Boardwalk	$1,300	LF	1,000	LF	$1,300,000
Fishing Pier	$250	SF	500	SF	$125,000
Vinyl Covered Chainlink Fence Railing	$7	LF	1,800	LF	$11,700
				Subtotal	$1,436,700
Design, Permitting & Engineering	15 percent		$215,505		$215,505
				Subtotal	$1,652,205
Contingency	20 percent		$330,441		$330,441
				Phase 2 Total	$1,982,646
				Project Total	$3,390,177